

7 Series

# Material Handlers

Operating weight: 16 – 35 t  
Max. working reach: 8.6 – 14.6 m  
Cab elevating height: 2.3 – 2.7 m



# DEVELON

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## Continuous Evolution for the Better.

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We trace our roots back to 1937 as one of Korea's first large-scale machine plants. Since then, we have consistently delivered earthmoving equipment to build critical infrastructure for the betterment of communities, societies, and the wider world.

**We are  
Develon.**

Develon is a bold name that reflects our core ambition to continue developing onwards and to make a positive mark on our world. Moving forward, we will continue providing innovative products and solutions that advance the world we live in today.



# Develon Material Handlers One Lineup. Every Job Covered.

A large orange Develon material handler is shown in action at a demolition site. The machine's long-reach boom is extended, and its pallet fork attachment is lifting a large, disorganized stack of wooden pallets and debris. The background is a bright blue sky with scattered white clouds. The foreground is filled with a massive pile of similar wooden debris, creating a sense of scale and heavy-duty work.

Develon's 16 to 35-ton material handlers are built for real-world demands. Choose compact models for tight, complex sites, mid-size machines for versatile performance and easy maintenance, or long-reach handlers for heavy, high-volume work.



Built to fit your day, Develon's 16 to 20-ton material handlers are your go-to machines for jobs that demand precision and agility. Whether you're sorting indoors, feeding small balers and shredders, or loading trucks, these compact machines turn tight spots into wide-open opportunities, all while keeping operating costs low.

### 1 Precise Control, Maximum Productivity

Equipped with a load sensing hydraulic system, these machines deliver precise, fuel-efficient flow-on-demand control through an extremely well-tuned setup, ensuring smoother, more responsive operation.

- Proportional grab and rotation ensure smooth attachment control.
- End-position damping on the lifting cab provides softer stops and starts.
- Three power modes – F1 (Fine), F2 (Eco), F3 (Power) – help operators match any task.

### 2 Engineered for Quality and Efficiency

Powered by a high-quality Deutz Stage V diesel engine, this machine delivers efficient and clean performance you can count on.

- Cold start assistance ensures reliable operation in low temperatures.
- Auto idling and engine stop features reduce fuel consumption and noise.

### 3 Built for Everyday Comfort and Control

The spacious ROPS-certified cab is designed for comfort and safety, with a large door, ergonomic controls, and wide windows that provide all-around visibility, making even the tightest spaces easy to navigate.

### 4 Ready for Years of Tough Work

Smart monitoring systems keep you ahead with real-time diagnostics and maintenance alerts. Combined with accessible service points and premium components, it's easy to keep your machine running strong.





# Confident Control in Tight Spaces

 16–20 t  8.6–9.3 m



# Smart Versatility for Outdoor Work

 ton 28 t  12.4 m



Up next in the lineup: our 28-ton material handler, the DX270WMH-7, is built for nonstop outdoor work and is versatile enough to adapt to a range of medium- to heavy-duty tasks. A solid undercarriage and excellent visibility give operators full control, while intelligent tech streamlines operations and anticipates what's next.

### **1 Balanced Power for Heavy-Duty Work**

Powerful hydraulics and a durable arm deliver fast, precise handling of heavy materials, maximizing jobsite efficiency and performance. And with selectable power modes, you can balance fuel use and power while matching performance to your task.

### **2 A Strong, Fuel-Smart Engine**

The Develon DL06V diesel engine delivers top performance and fuel efficiency while meeting Stage V emission standards. Advanced technologies ensure cleaner exhaust and smarter power management for every job.

- Turbocharger, intercooler, and SCR technology work together to reduce emissions and improve engine efficiency.
- 3<sup>rd</sup> Generation Smart Power Control adjusts engine speed and pump torque based on work conditions for optimal fuel use.
- Auto shutdown and auto idle features minimize fuel consumption and maximize efficiency.

### **3 Steady Support**

Designed for exceptional stability, the wider and longer undercarriage anchors the machine for safe and efficient operation.

- Four wide and independent stabilizers with cylinder protection provide strong support.
- A heavy-duty front axle with automatic or manual oscillation lock enhances stability and lifting performance.

### **4 Focused on Safety**

The ROPS-certified cab rises up to 2.6 meters—among the highest in its class—offering operators clear visibility for safer, more precise control, along with emergency evacuation capabilities even during power loss.

- Smart safety features include a virtual wall that sets movement limits for the boom and arm.
- An exceptional operator environment—with low noise, a heated air suspension seat, ergonomic controls, and the intuitive Develon Smart Touch screen—puts full machine control at your fingertips.

### **5 Engineered for Reliability**

Reliable performance starts with smart systems and tough components. With real-time diagnostics and predictive maintenance, you can stay ahead of issues before they become problems. Easy-access service points and advanced filtration simplify upkeep, while a reinforced design ensures long-term durability on the toughest jobs.

At the top of the lineup, Develon's 30–35-ton material handlers bring serious muscle and smarts to the biggest jobs. With a powerful hydraulic system, incredible stability, and cabs that elevate by 2.7 meters for a commanding view, these machines make moving heavy loads smooth, precise, and efficient every time.

## 1 Reliable Hydraulics to Maximize Productivity in Demanding Jobs

Develon's load-sensing hydraulic system delivers powerful performance while allowing smooth, precise movements, perfect for switching between heavy-duty work and delicate tasks.

- Intuitive controls make operation easier and more efficient.
- Fast cycle times help boost productivity on every job.
- Extended reach allows access to high stacks and distant materials without the need to reposition.

## 2 Drive Clean Power

Depending on the model, your machine is powered by a premium Cummins or Deutz diesel engine that meets Stage V emission standards for cleaner operation. Turbocharging and intercooling boost power output while optimizing fuel efficiency.

- Cold start assist ensures reliable starting even in freezing temperatures.
- Automatic idle shutdown cuts unnecessary engine run time, saving fuel and reducing noise.

## 3 Stability Built In

The machine's distinctive undercarriage design, paired with a powerful drive motor, heavy-duty axles, and a robust transmission, provides the perfect balance of traction and stability.

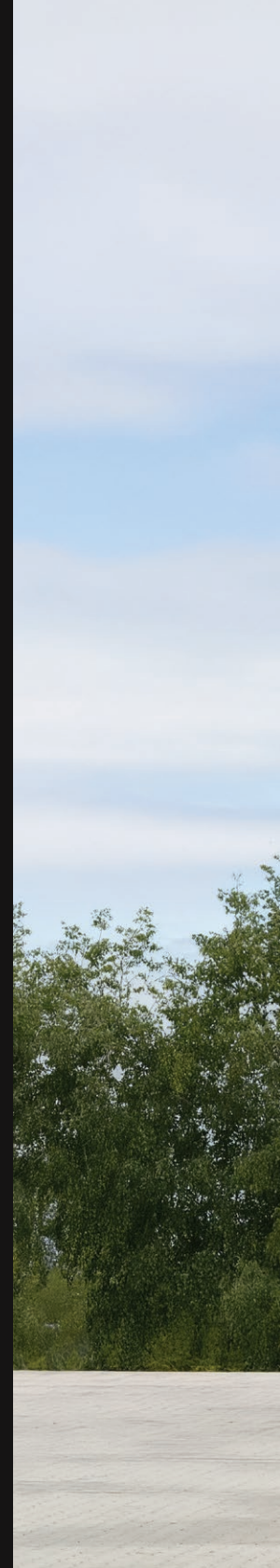
- An automatic oscillating axle lock ensures stable machine operation.
- A reinforced swing bearing and a large counterweight boost stability while enhancing durability.
- Oversized stabilizers with anticavitation valves provide steady support.
- A durable frame ensures long life and high uptime, even in harsh conditions.

## 4 Feel Good, Work Better

The ROPS-certified cab is designed for both safety and comfort, offering ergonomic controls and excellent visibility. Its clear, comfortable, and functional layout helps operators stay focused and efficient during long workdays.

## 5 Always Stay on Track

With monitoring systems, easy-access service points, and durable parts, you get faster repairs, lower costs, and more uptime where it counts.





# Power That Reaches Further



30–35 t



13.6–14.6 m





# Built Tough to Keep Operators Safe

In demanding scrap and waste environments, safety isn't optional—it's essential. That's why Develon material handlers are built to protect, with reinforced cabs, rugged frames, and smart safety tech that keeps operators aware, secure, and in control.

## Total Stability

- A strong undercarriage with heavy-duty axles provides reliable support, while the oscillating axle lock improves stability during lifting.
- Durable stabilizers and a tough frame offer extra support in demanding conditions.
- Built-in safety valves on the boom and arm cylinders prevent sudden, uncontrolled movements if a hose breaks.

## Safe and Secure Cab Design

- The cab is ROPS-certified (Roll-Over Protective Structure) to protect operators in the event of a rollover, while the optional FOGS guard adds an extra layer of safety in high-risk, heavy-impact environments.
- Non-slip surfaces and an extra-large entry zone with wide cab doors make getting in and out safer and easier.
- Standard rear-view and side cameras, with an optional all-around view, plus bright LED work lights ensure clear visibility in low-light conditions.
- A rotating beacon clearly signals machine operation and presence on-site. Inside the cab, advanced displays monitor critical systems—like real-time load capacity—and provide overload warnings to help prevent tipping and ensure safe operation.

# Comfort That Keeps Up with Demand

Designed with the operator in mind, our cabins create a comfortable, thoughtful environment that makes long workdays easier. Every detail is reimagined to reduce fatigue, boost focus, and keep operators at their best.

## Get the Best Seat on the Job

### Elevating Cab for Enhanced Visibility

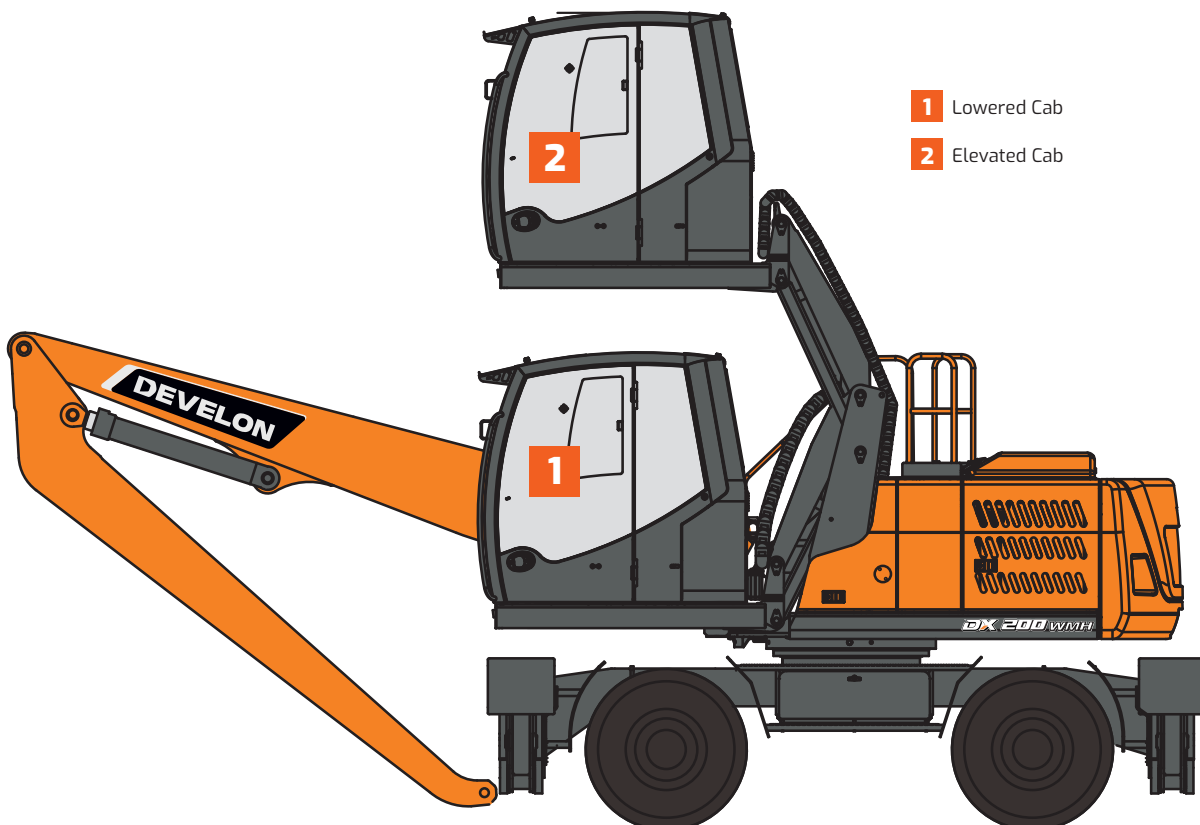
Our hydraulically elevating cab puts operators above the action, offering an exceptional, panoramic view for precise control and heightened jobsite awareness. Large windows, including an extra-wide front pane, give you a clear view of the job, so nothing gets missed.

### Climate-Controlled Comfort

Operators enjoy a climate-controlled cab equipped with integrated heating and powerful air conditioning systems for year-round comfort.

### Pressurized and Sound-Insulated Cabin

The cab is pressurized and sound-insulated to block out external noise, dust, and contaminants, creating a healthier and happier work environment.





## Customizable Comfort

### Adjustable Operator Seating

Experience all-day comfort with customizable air suspension seats featuring heating and optional cooling, designed to keep operators fresh and focused during long shifts.

### Ergonomic Controls and Steering

Enjoy intuitive, effortless control with ergonomically designed joysticks and controls. The adjustable steering column adapts to every operator's preference, plus there's an option for joystick-only steering.

## Connected and Informed

### In-Cab Displays

Intuitive displays provide key machine information at a glance while live camera feeds improve visibility.

### Connectivity

Modern radio systems with USB and Bluetooth make it easy to stay connected and entertained on the job.

### Storage and Amenities

Thoughtfully designed storage spaces, including convenient bottle holders, keep personal items and refreshments within easy reach for added comfort.





# Made to Keep Going

Lots of things can slow down a job, but with Develon, your machine won't be one of them. With smart diagnostics, easy service access, and durable components, it's built to keep you moving.

## Durable Components

- Reinforced frames, durable undercarriages, and high-strength components provide dependable performance and extended service life.
- Rugged engines and strengthened hydraulic systems minimize wear for consistent reliability.
- The heavy-duty cooling system was designed specifically for the harsh conditions of the waste and recycling industry.

## Self-Diagnostics & Monitoring Systems

- Real-time monitoring displays key operating data, alerts, and maintenance reminders to help you stay ahead of issues and minimize downtime.
- Optional telematics track location, usage, and fuel consumption, while remote diagnostics and data logging speed up troubleshooting and support.

## Easy Access to Components

- Wide-opening panels and solid side covers provide easy access from multiple sides for quick, hassle-free maintenance, with most regular tasks doable comfortably from ground level.
- Centralized lubrication points, automatic greasing (on select models), and easily accessible filters and grease fittings simplify daily maintenance and reduce downtime.
- Thoughtful design lowers operating costs and boosts long-term reliability and uptime.
- A built-in toolbox keeps essential tools organized and close at hand for faster repairs.

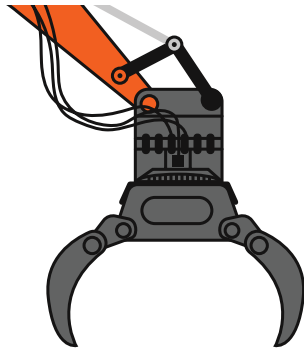


# Attachments

The Develon grapple attachment is designed to handle challenging scrap and recycling tasks to help you move more material quickly. Built to Develon machine specifications, it matches your material handler's load ratings and hydraulics for the best possible performance.

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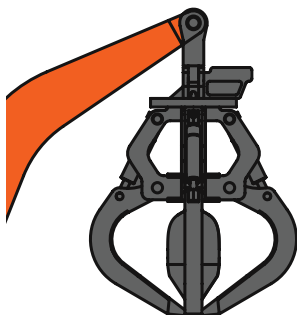
## Sorting grapple



- Unlimited 360-degree rotation allows the operator to rotate the grapple for perfect alignment or placement.
- The tines are made from high-strength, abrasion-resistant steel for lasting performance.
- All hydraulic parts are protected.
- Tine tips are replaceable.
- Adjustable closing force protects the structure and cylinders.

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## Orange peel grapple



- Unlimited 360-degree rotation allows the operator to rotate the grapple for perfect alignment or placement.
- Independent hydraulic lines on the excavator provide the ability to control rotation and open/close functions independently.
- The long-life design features fully protected (enclosed) hydraulics and durable Hardox construction.
- Easy-maintenance bolt-on blades simplify upkeep.





VELON





# Develon Warranty

## Your Key to Equipment Protection and Peace of Mind

Keep your heavy construction equipment protected with Develon. Our comprehensive warranties and premium protection plans give you peace of mind, ensuring your investment stays safe and valuable for the road ahead.

### Tailored Warranty Plans

Choose from a range of affordable protection plans, designed exclusively for Develon customers through our authorized dealers. These plans transform your machine's price into a strategic investment, not just an expense.

### Develon Premium Protection

Opt for Develon Premium to experience unmatched security, reliability, and overall value. This top-tier plan shields your equipment from unexpected costs and minimizes downtime, letting you focus on what matters – getting the job done.

### Act Now!

Get in touch with a Develon authorized dealer today to protect your equipment investment. With an easy process and lasting benefits, Develon helps keep your heavy construction equipment in top condition.

**Choose Develon Extended Warranty:  
Play it Safe and Secure Your  
Investment.**

Powered by Innovation

**DEVELON**



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